

Amendments to the Claims:

This listing of claims will replace all prior versions, and listings, of claims in the application:

Listing of Claims:

1. **(Currently Amended)** A system for at least one of skin tanning and phototherapy, comprising:

a chamber adapted for at least one of skin tanning and phototherapy; and
a nanostructure UV light emitting device;

wherein:

a UV excitation source is positioned to provide a UV excitation radiation of a first peak wavelength onto the nanostructure UV light emitting device to cause the nanostructure UV light emitting device to emit UVA light having a second UVA peak wavelength longer than the first peak wavelength, wherein

the nanostructure UV light emitting device comprises at least one of a nanoparticle or a nanowire device for emitting only UVA light.

2. **(Previously Presented)** The system of claim 1, wherein the system performs skin tanning.

3. **(Previously Presented)** The system of claim 1, wherein the system performs phototherapy.

4. **(Previously Presented)** The system of claim 1, wherein the system performs both tanning and phototherapy.

5. **(Previously Presented)** The system of claim 1, wherein the chamber comprises a bed or a booth.

6. **(Cancelled)**

7. **(Cancelled)**

8. **(Currently Amended)** The system of claim [[7]] 1, wherein the UV light emitting device comprises nanoparticles having an average diameter smaller than 100 nm or nanowires having an average thickness smaller than 150 nm.

9. **(Currently Amended)** The system of claim [[7]] 1, wherein the UV light emitting device comprises a UVA-1 light emitting device and the nanoparticles emit only UVA-1 light due to their size.

10. **(Currently Amended)** The system of claim [[7]] 1, wherein the UV light emitting device comprises:

a first layer of first nanoparticles or nanowires located proximal to the UV excitation source, wherein the first nanoparticles or nanowires emit UV light of a third peak wavelength longer than the first peak wavelength when irradiated with the UV excitation radiation; and

a second layer of second nanoparticles or nanowires located distal from the UV excitation source, such that the first layer is located between the second layer and the UV excitation source, wherein the second nanoparticles or nanowires emit UV light of the second peak wavelength longer than the third peak wavelength when irradiated with the UV light from the nanoparticles or nanowires of the first layer.

11. **(Currently Amended)** The system of claim [[7]] 1, wherein:

the UV excitation source comprises a gas vessel comprising a gas which is adapted to emits the UV excitation radiation in response to a stimulus; and

the UV light emitting device comprises at least one layer of nanoparticles coated on an inner surface of at least one UV light transparent wall of the gas vessel.

12. **(Currently Amended)** The system of claim [[7]] 1, wherein:

the UV excitation source comprises a UV lamp; and

the UV light emitting device comprises at least one layer of nanoparticles coated on an outer surface of the UV lamp.

13. **(Currently Amended)** A system for at least one of skin tanning and phototherapy such that the system emits only UVA light, comprising:

- a first means for at least one of skin tanning and phototherapy; and
- a nanostructure UV light emitting device;

wherein:

the nanostructure UV light emitting device comprises at least one of a nanoparticle or a nanowire device for emitting only UVA light.

14. **(Previously Presented)** The system of claim 13, wherein the first means is a means for skin tanning.

15. **(Previously Presented)** The system of claim 13, wherein the first means is a means for phototherapy.

16. **(Previously Presented)** The system of claim 15, wherein the first means is a means for lupus phototherapy.

17. **(Currently Amended)** A method for at least one of skin tanning and phototherapy, comprising:

receiving a human subject in a chamber adapted for at least one of skin tanning and phototherapy; and

providing only UVA light from a nanostructure UV light emitting device onto [[a]] skin of [[a]] the human subject who is located in [[a]] the chamber adapted for the at least one of skin tanning and phototherapy; wherein

exposure to the UVA light provides in order to at least one of tan to the skin and to provide phototherapy for the skin.

18. **(Previously Presented)** The method of claim 17, wherein the UVA light tans the skin.

19. **(Previously Presented)** The method of claim 17, wherein the UVA light provides phototherapy for the skin.

20. **(Previously Presented)** The method of claim 19, wherein the UVA light provides phototherapy to a human subject suffering from lupus.

21. **(Previously Presented)** The method of claim 17, wherein the nanostructure UV light emitting device comprises at least one of a nanoparticle and a nanowire device for emitting only UVA light and the chamber comprises a bed or a booth.

22. **(Currently Amended)** A method for lupus phototherapy, comprising:
receiving a human subject suffering from lupus in a chamber adapted for lupus phototherapy; and

providing only UVA light from a light emitting diode or a nanostructure UV light emitting device onto [[a]] skin of [[a]] the human subject; wherein exposure to the UVA light provides to provide lupus phototherapy for the skin.

23. **(Previously Presented)** The method of claim 22, wherein the step of providing comprises providing only UVA light from a light emitting diode.

24. **(Previously Presented)** The method of claim 22, wherein the step of providing comprised providing only UVA light from a nanostructure UV light emitting device.

25-43 **(Cancelled)**

44. **(Previously Presented)** The method of claim 22, wherein the UVA light from a light emitting diode or a nanostructure UV light emitting device is UVA-1 light.